

Fig. 1A

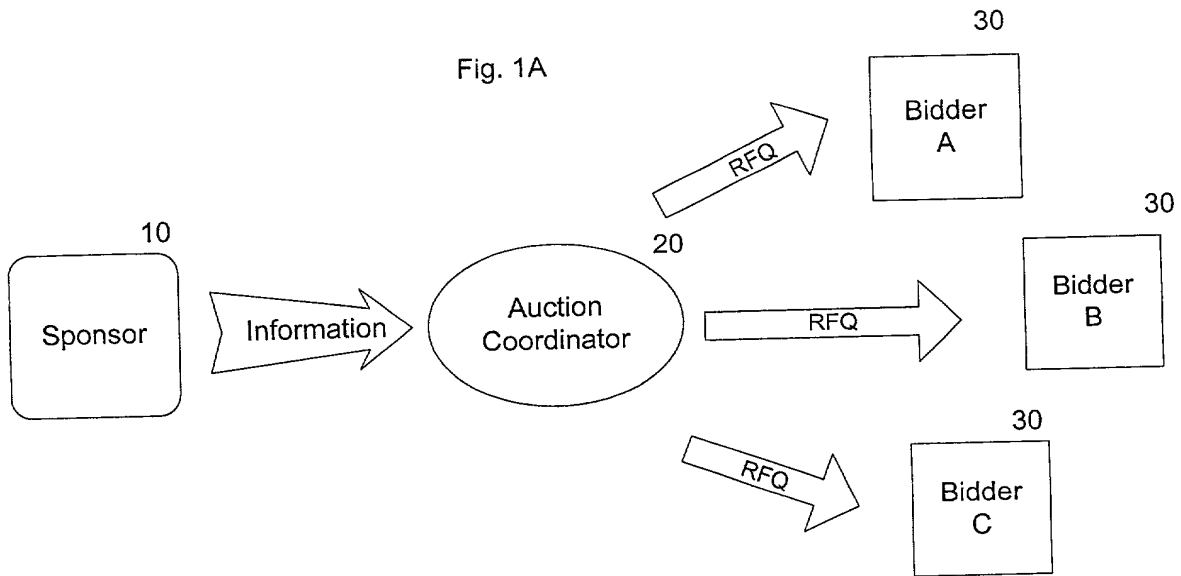


Fig. 1B

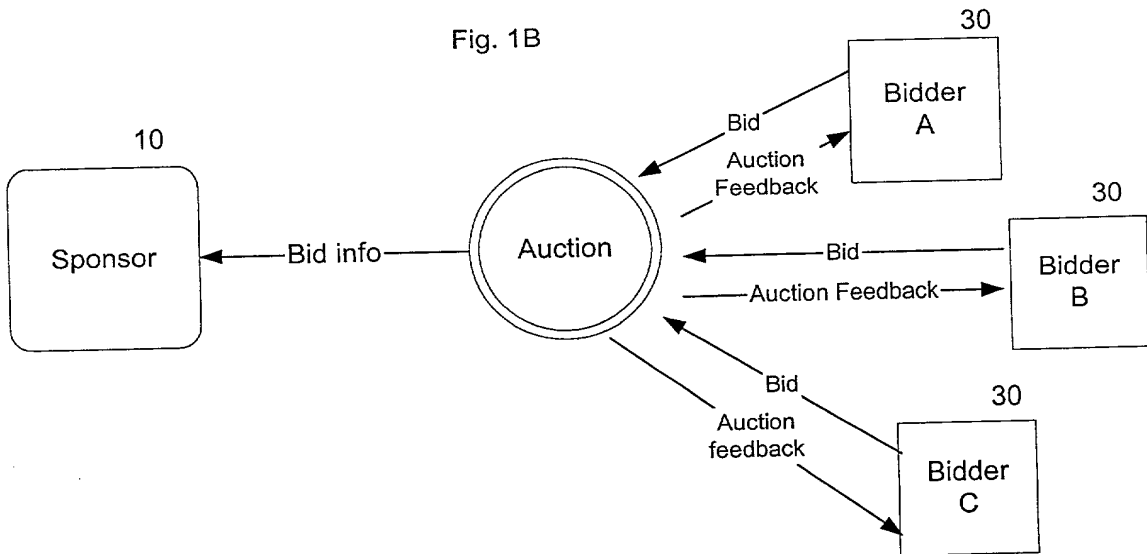
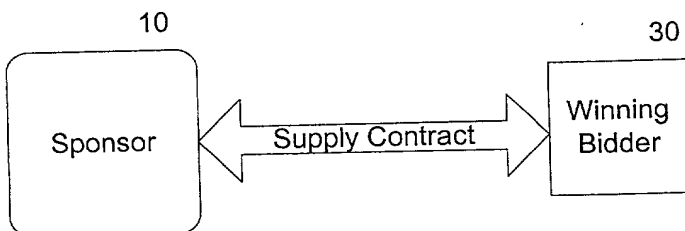


Fig. 1C



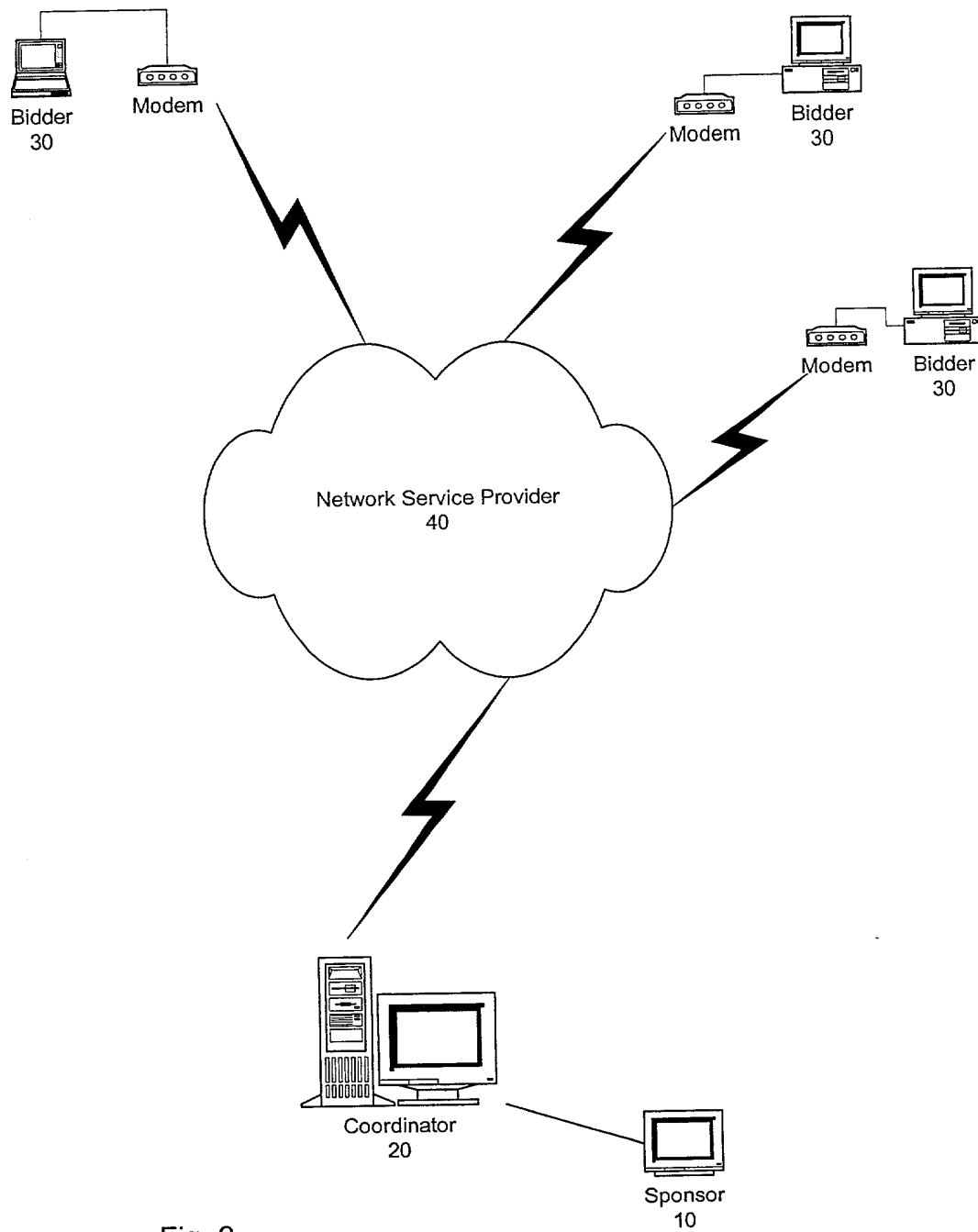


Fig. 2

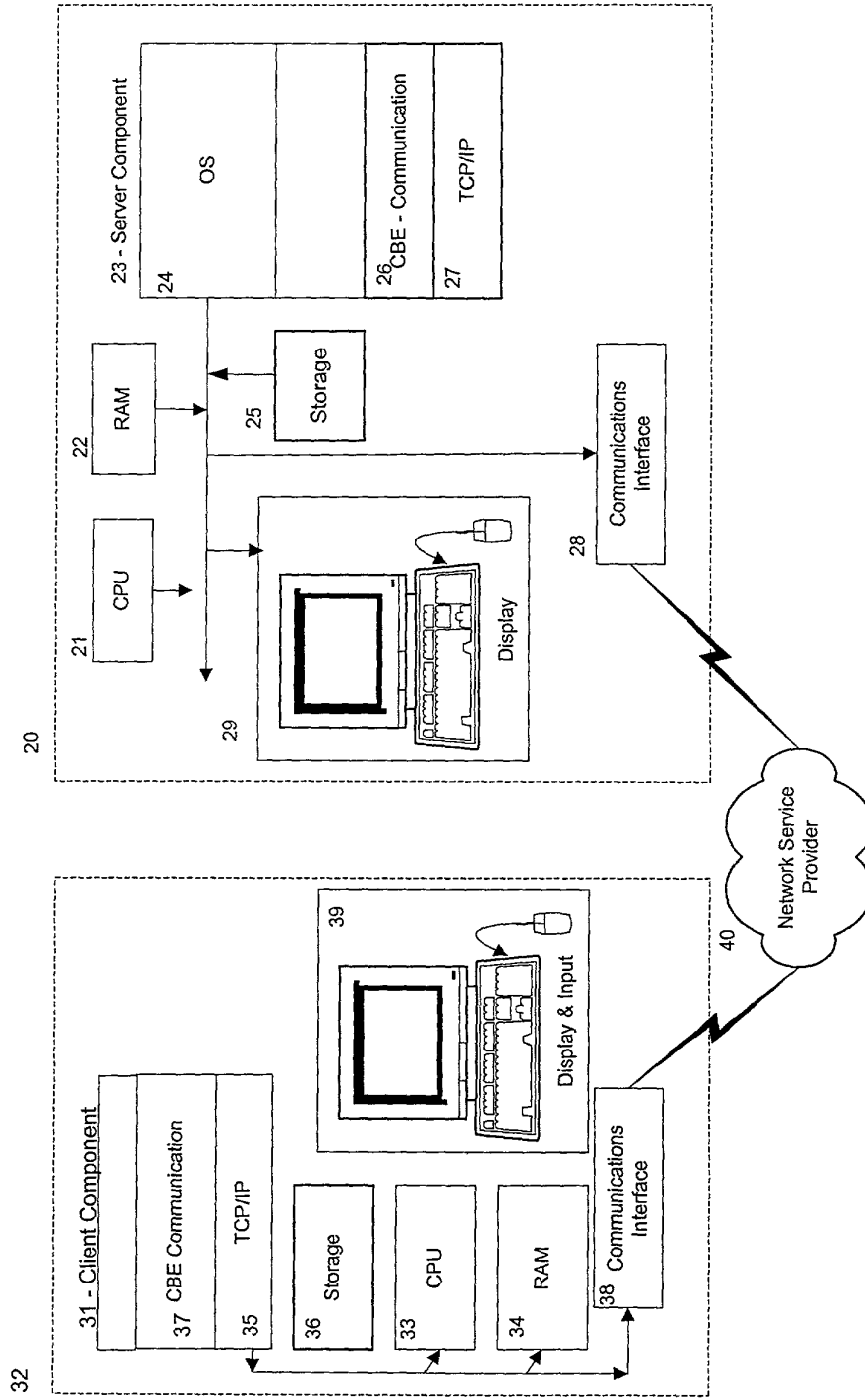
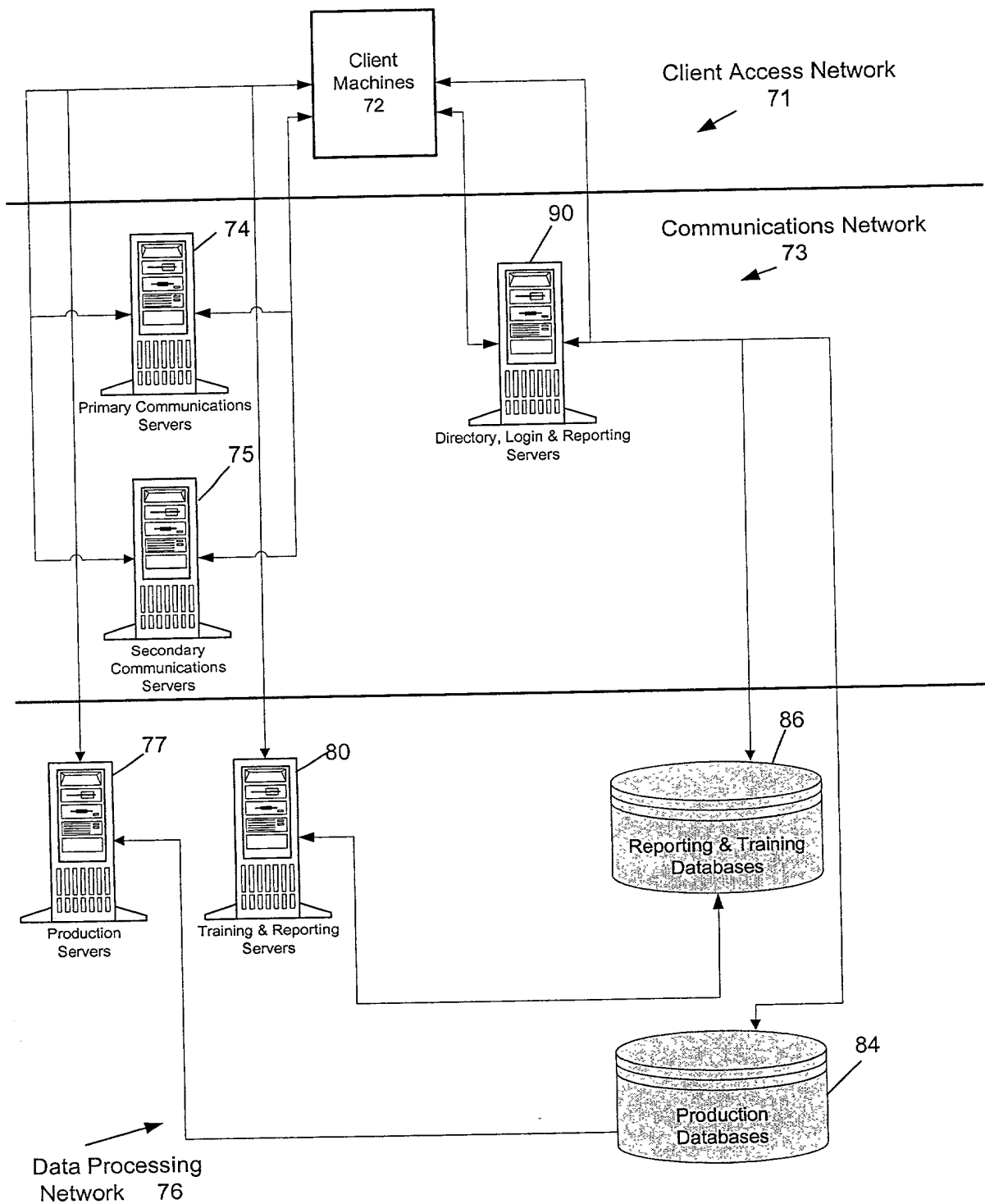


Fig. 3

# FIG. 4 AUCTION NETWORK

70



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200 →

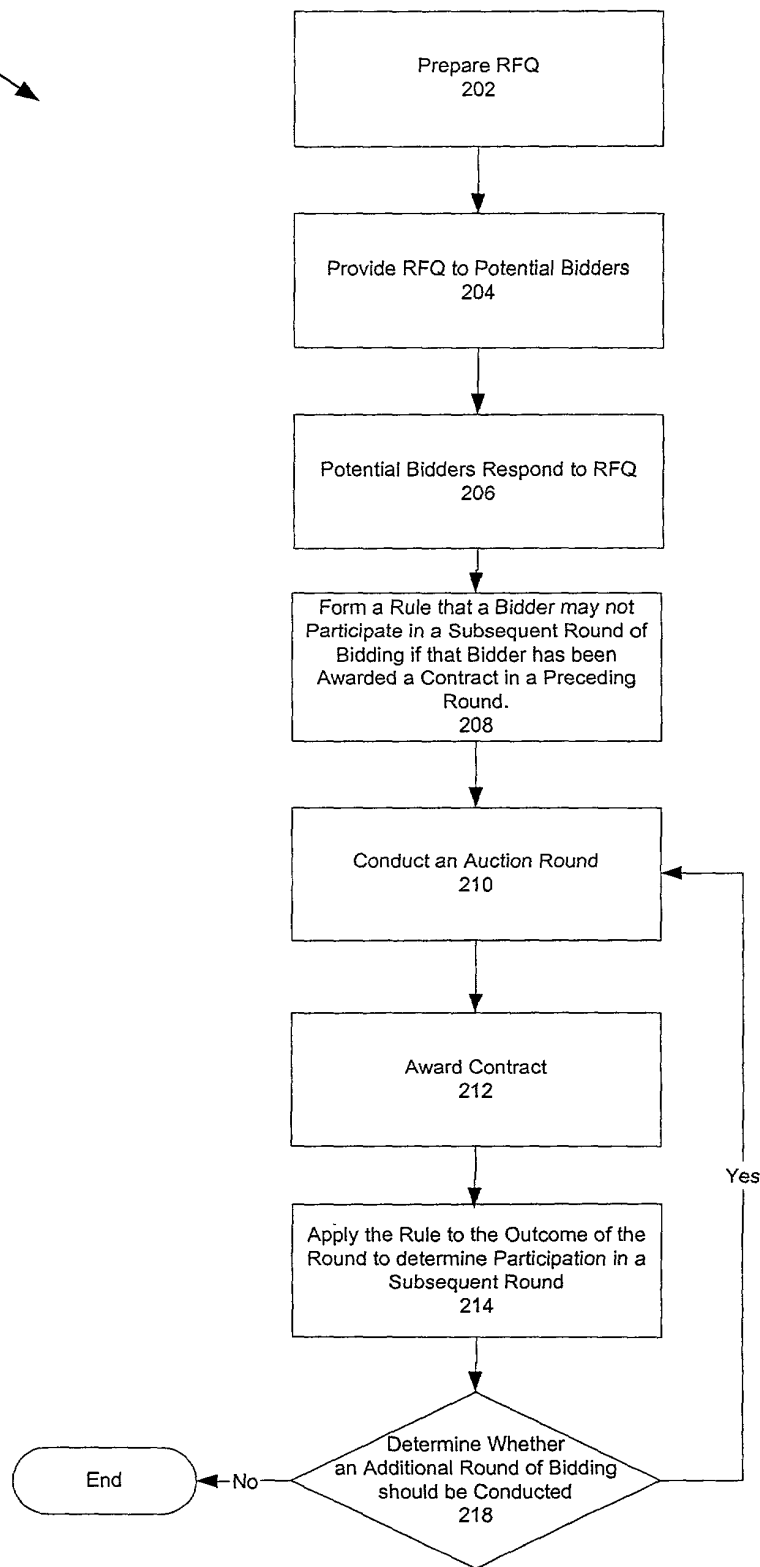


Fig. 5

300

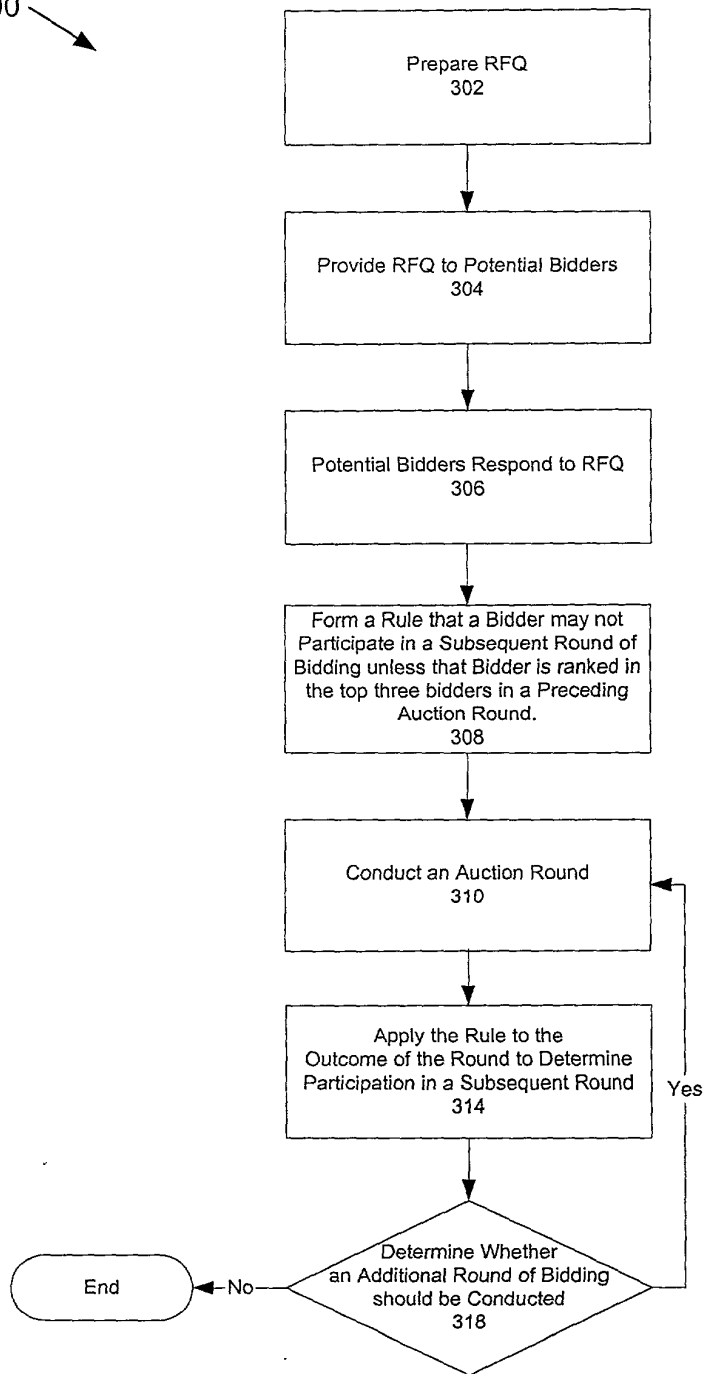


Fig. 6

400

Determine the maximum volume of goods or services to be awarded to the first ranked bidder (MaxA)  
402

Determine the minimum volume of goods or services to be awarded to the first ranked bidder (MinA)  
404

Determine the highest bid differential that is likely or desirable to occur between the first and second ranked bidders (HiBD)  
406

Determine the lowest bid differential that is likely or desirable to occur between the first and second ranked bidders (LoBD)  
408

Formulate a calculation for the volume that will be awarded to the first ranked bidder (A) that is dependent on the actual bid differential (ActBD).  
$$A = (\text{MinA} + \text{ActBD}(\text{MaxA} - \text{MinA})) / (\text{HiBD} - \text{LoBD})$$
  
410

Prepare RFQ  
412

Provide RFQ to potential bidders  
414

Potential bidders respond to RFQ  
416

Initiate auction  
418

Accept bid  
420

Calculate volume allotted to each bidder  
422

Provide market feedback to bidders indicating allotted volumes  
424

Determine whether auction should be closed  
426

End

Fig. 7

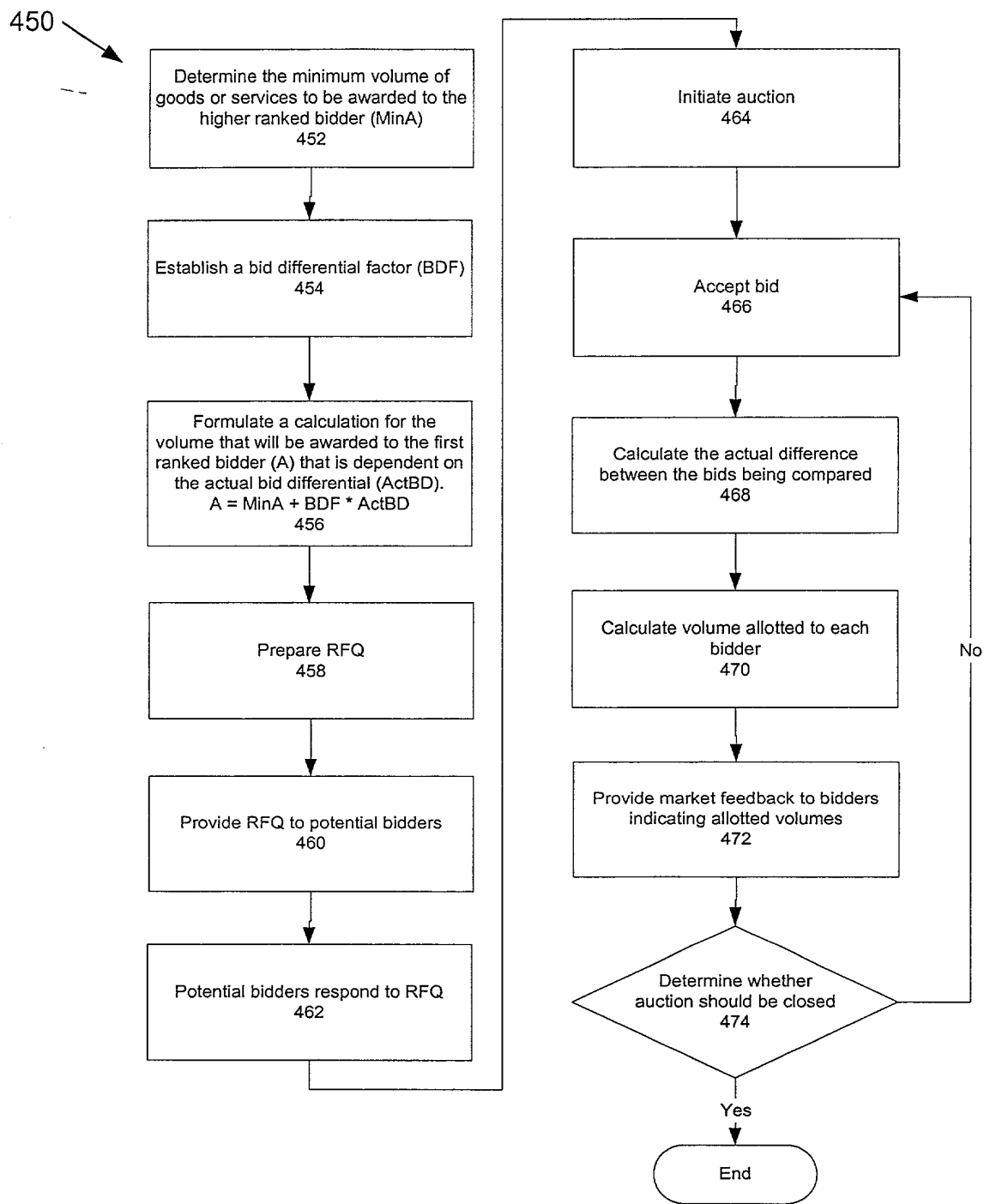


Fig. 8



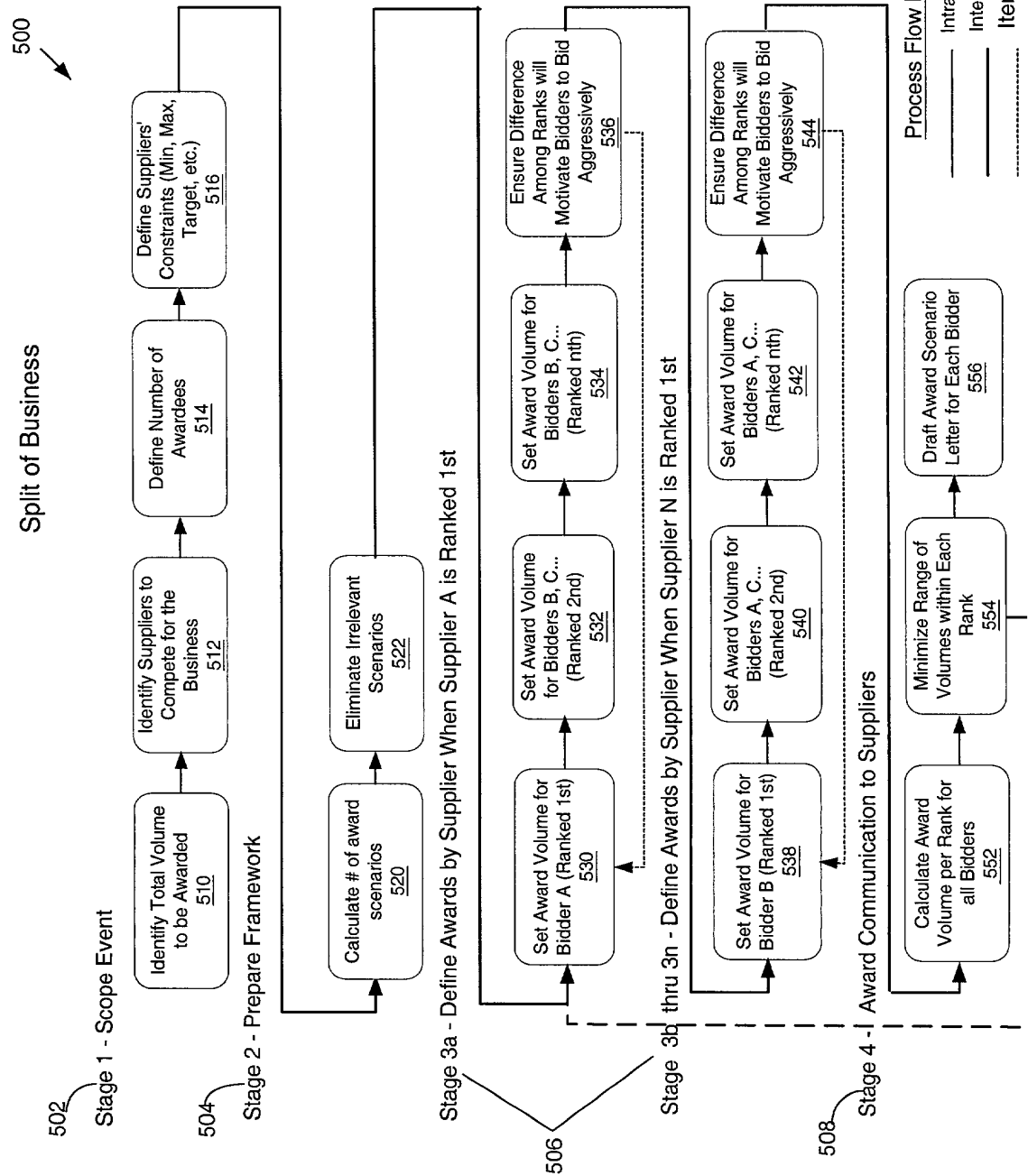


Fig. 9